



HORNE 5 PROJECT

CORPORATE PRESENTATION

OCTOBER 2021

CAUTIONARY STATEMENT

This presentation contains forward-looking statements and forward-looking information (together, "forward-looking statements") within the meaning of applicable securities laws. These statements are based on information currently available to the Corporation and the Corporation provides no assurance that actual results will meet management's expectations. Forward-looking statements include estimates and statements that describe the Corporation's future plans, objectives or goals, including words to the effect Groporation or management expects a stated condition or result to occur. All statements, other than statements of historical facts, are forward-looking statements. Generally, forward-looking statements can be identified by the use of terminology such as "plans", "expects', "estimates", "intends", "anticipates", "believes" or variations of such words, or statements that certain actions, events or results "may", "could", "would", "might", "will be taken", "occur" or "be achieved" and includes, without limitation, statements regarding the projections and assumptions of the Updated Feasibility Study, including, without limitation: NPV; IRR; CAPEX; OPEX; estimated cash costs and estimated AISC; LOM; payback period; LOM; post-tax net cash flow; gross revenues; margins; exchange rates; inflation; recoveries; grades; processing rates; potential production from the Horne 5 Property as envisioned by the mine plan; economic assumptions and sensitivities and other operational and economic projections with respect to the Horne 5 Project as well as maintaining social acceptability for the Horne 5 Project and the timely obtaining, as the case may be, by Falco of all required licenses, rights of way and surface rights from third parties owner of infrastructures or rights necessary to perform the activities contemplated in this presentation on terms and conditions acceptable to the Corporation. Mineral resource and mineral reserves estimates are also forward-looking statements because use such estimates involve estimates of

Although the Corporation believes the forward-looking statements in this presentation are reasonable, it can give no assurance that the expectations and assumptions in such statements will prove to be correct. Consequently, the Corporation cautions investors that any forward-looking statements by the Corporation are not guarantees of future results or performance and that actual results may differ materially from those in forward-looking statements.

The forward-looking statements contained herein is subject to a variety of risks and uncertainties which could cause actual events or results to differ materially from those reflected in the forward-looking statements, including, without limitation: the effects of general economic conditions; changing foreign exchange rates; risks associated with exploration and project development; the calculation of mineral resources and reserves; risks related to fluctuations in metal prices; uncertainties related to raising sufficient financing to fund the planned work in a timely manner and on acceptable terms; changes in planned work arising from weather, logistical, technical or other factors; the possibility that results of work will not fulfill expectations and realize the perceived potential of the Corporation's properties; risk of accidents, equipment breakdowns and labour disputes; access to project funding or other unanticipated difficulties or interruptions; the possibility of cost overruns or unanticipated expenses in the work program; title matters; government regulation; obtaining and receiving necessary licenses; the risk of environmental contamination or damage resulting from Falco's operations and other risks and uncertainties including those described in the Corporation's Annual Information Form dated February 16, 2021, MD&A and Financial Statements for the three-month and nine-month period ended March 31, 2021, available at www.sedar.com.

The forward-looking statements contained in this presentation are based on the beliefs, estimates and opinions of Falco's management on the date the statements are made. Although Falco has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. The Corporation is under no obligation to update or alter any forward-looking statements except as required under applicable securities laws.



LEADERSHIP TEAM



Luc Lessard
President, Chief
Executive Officer
and Director

Anthony Glavac Ronald Bougie
Chief Financial Officer VP, Engineering &
Construction

François Vézina VP, Technical Services

Christian Laroche VP, Metallurgy

Hélène Cartier VP, Environment & Sustainable Development

André Le Bel VP, Legal Affairs & Corporate Secretary

- Experienced development team with strong track record
- Successful developers and mine builders of Canadian Malartic (Canada's largest gold mine)

STRONG PARTNERS



Silver stream agreement (up to \$180M)

Extension to the maturity of senior secured loan of 24 months (\$17.6M)



Major shareholder (18.2%)



C\$10 million financing from Glencore to complete the Work Plan

LOM Cu/Zn concentrate agreements

2% royalty through BaseCore (Glencore 50%/Teachers 50%)



Shareholder (5%)

Supporter of responsible mineral development in Québec



PROGRESS SINCE THE 2017 FEASIBILITY STUDY

2017

- Publication of the original Feasibility Study
- Beginning of discussions with Glencore to develop the relationship and de-risk the Horne 5 Project going forward

2018

- Filing the EIA with Québec Government
- C\$180 million silver stream financing with Osisko Gold Royalties
- General project overview with Glencore to align both companies' interests

2019

 Commencement of an extensive drilling program to locate, inspect and analyze the historical Quemont crown pillars within the vicinity of the Horne 5 Project and Horne Smelter

2020

- Exhaustive due diligence process
- C\$10 million financing from Glencore to complete the Work Plan
- LOM Cu/Zn concentrate offtake agreements with Glencore
- Initiation of the Horne 5 Project Feasibility Study Update with all Qualified Persons (BBA, Golder, WSP, InnovExplo, SNC-Lavalin (Stavibel), Rivval)

RECENT DEVELOPMENTS AND ACTIVITIES

AUGUST 19, 2021

Received from Osisko Gold Royalties an advance of \$10M on the second installment to be made under the Silver Stream Agreement.

AUGUST 18, 2021

Closed a bought deal private placement representing aggregate gross proceeds to Falco of \$12.3M.

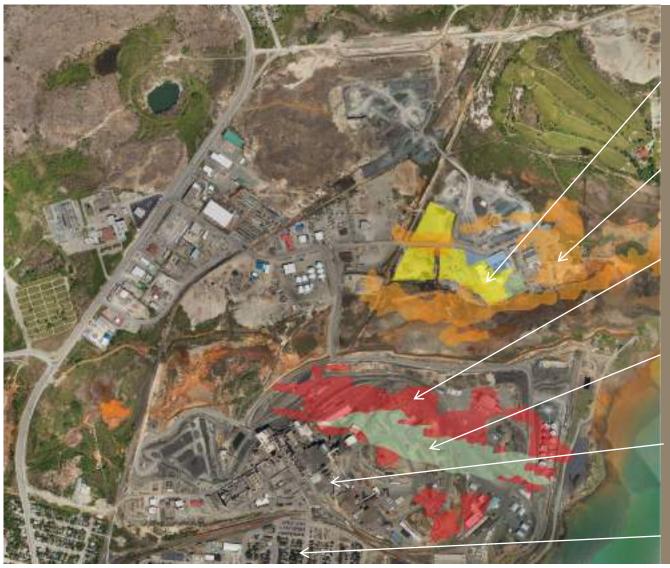
JUNE 30, 2021

Option agreement with First Quantum for its future tailings management facility site.

JUNE 28, 2021

Agreement In Principle ("AIP") with Glencore Canada Corporation ("Glencore") to facilitate the development and operation of the flagship Horne 5 Project.

PROJECT LOCATION



Falco Surface Rights

Former Quemont Mine

Former Horne Mine

Horne 5 Project

Horne Smelter

City of Rouyn-Noranda

WORLD-CLASS PROJECT

Continuity of operation of the Horne Mine.

Horne past production:

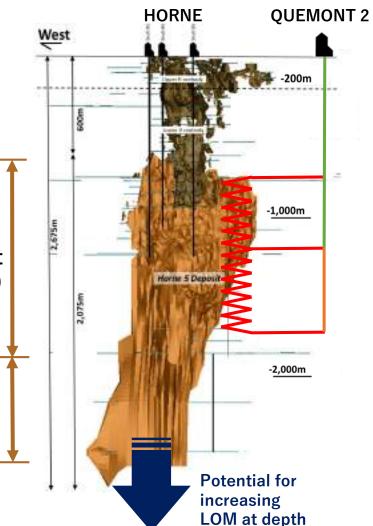
- 53.7 Mt at 6.1 g/t Au
- 13 g/t Ag
- 2.22 % Cu

For 11 M oz Au and 2.5 B lbs Cu

Mining Reserves: 80 Mt (2.3 g/t Au Eq)

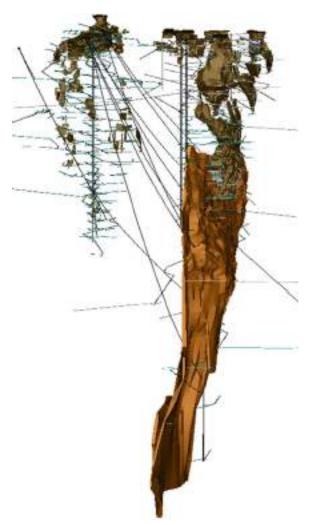
Inferred Resources: ± 21.5 Mt (2.51 g/t Au Eq)

LONGITUDINAL



TRANSVERSAL

QUEMONT 2 HORNE



MINERAL RESERVES AND RESOURCES

MINERAL RESERVES

	Tonnes (Mt)	Au Eq.	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)	Contained Au Eq. (koz)	Contained Au (koz)	Contained Ag (koz)	Contained Cu (MIbs)	Contained Zn (Mlbs)
Proven	8.4	2.34	1.41	15.75	0.17	0.75	636	384	4,272	31.4	139.6
Probable	72.5	2.36	1.44	13.98	0.17	0.78	5,503	3,359	32,557	270.9	1,242.3
Total P&P	80.9	2.36	1.44	14.17	0.17	0.78	6,139	3,740	36,829	302.3	1,381.9

MINERAL RESOURCES (AT C\$55 NSR CUT-OFF)

	Tonnes (Mt)	Au Eq. (g/t)	Au (g/t)	$\begin{array}{c} Ag \\ (g/t) \end{array}$	Cu (%)	Zn (%)	Contained Au Eq. (koz)	Contained Au (koz)	Contained Ag (koz)	Contained Cu (Mlbs)	Contained Zn (Mlbs)
Measured	9.3	2.59	1.58	16.20	0.19	0.83	770	470	4,824	38.0	168.5
Indicated	81.9	2.56	1.55	14.74	0.18	0.89	6,731	4,070	38,796	325.4	1,599.3
Total M&I	91.2	2.56	1.55	14.89	0.18	0.88	7,501	4,540	43,620	363.4	1,767.8
Inferred	21.5	2.51	1.44	23.04	0.20	0.71	1,736	1,000	15,925	96.3	337.2



UPDATED FEASIBILITY STUDY (EFFECTIVE DATE: MARCH 18, 2021)

HIGHLIGHTS

- 26% increase in NPV_{5%} after-tax (US\$602 million to US\$761 million)
- 25% improvement on the IRR after-tax (15.3% to 18.9%)
- Robust economics based on the base case commodity prices
- AISC of US\$587/oz generates a significant profit margin to base case commodity prices
- Project capital costs increased slightly (5%) from US\$802 million to US\$844 million and include all project cost-saving strategies offset by any cost escalation over the last three years
- Project operating costs increased slightly (5%) from C\$41/tonne milled to C\$43.11/tonne milled

KEY UPDATED ELEMENTS

- Capital costs
- Operating costs
- Project execution schedule
- Integration of the Osisko Gold Royalties silver stream agreement
- Integration of the LOM Cu/Zn concentrate offtake agreements with Glencore
- Long-term commodity prices (precious metals and base metals)

No changes to the mining reserves calculation, the mine plan and the metallurgical process

Conservative mining reserves by maintaining 2017 commodity prices assumptions



ROBUST PROJECT ECONOMICS

Horne 5 Project Economic Highlights (as per Updated Feasibility Study¹):

- The Horne 5 Project is a world-class deposit of over **6 Million gold equivalent ounces**
- Average annual gold production of 220,300 ounces over 15 years LOM
- NPV_{5%} of US\$761M and an IRR of 18.9% after taxes and mining duties
- AISC² of US\$587/oz net of by-product credits, including royalties, over LOM
- Pre-production construction costs of US\$844M, including US\$70.8M contingency and excluding US\$51.5M of capital outlays to December 31, 2020
- The Horne 5 Project delivers robust economics based on the base case commodity prices
- Gold production is scheduled by the end of 2025



¹ Base case economics are stated using gold price \$1,600 per ounce, silver price of \$21.00 per ounce, copper price of \$3.20 per pound, zinc price of \$1.15 per pound and an exchange rate of C\$1.28 equal to US\$1.00

² AISC are presented as defined by the World Gold Council, less Corporate G&A

COMPARISON BETWEEN 2017 FS AND 2021 UFS

		UNIT	2017 FS	2021 UFS	SPOT (SEP. 30, 2021)
	Reserves	M tonnes	80	80	80
DEPOSIT	Average Grade	g/t Au Eq	2.37	2.24	2.31
DEPUSIT	Life Of Mine	Years	15	15	15
	Annual Production (Payable)	Oz Au	220,000	220,000	220,000
	Gold	US\$/ounce	\$1,300	\$1,600	\$1,729
	Silver	US\$/ounce	\$19.50	\$21.00	\$21.57
COMMODITY PRICES	Copper	US\$/pound	\$3.00	\$3.20	\$4.08
	Zinc	US\$/pound	\$1.10	\$1.15	\$1.37
	Exchange Rate	C\$1.00 =	US\$0.78	US\$0.78	US\$0.78
	NPV _{5%} After-Tax	US\$M	\$602	\$761	\$1,047
	IRR After-Tax	%	15.3%	18.9%	23.3%
	AISC (net of by-products credits and royalties)	US\$/oz Au	\$399	\$587	\$468
ECONOMICS	All-in Cost (Capex & Opex)	US\$/oz Au	\$643	\$842	\$724
	Operating Costs per tonnes milled	C\$/tonne	\$41.00	\$43.11	\$43.11
	Pay-Back	Years	5.6	4.8	4.0
	Pre-Production Costs	US\$M	\$802	\$844	\$848
	Production Start	Year	2022	End of 2025	End of 2025



OPERATING COSTS (US\$/oz)

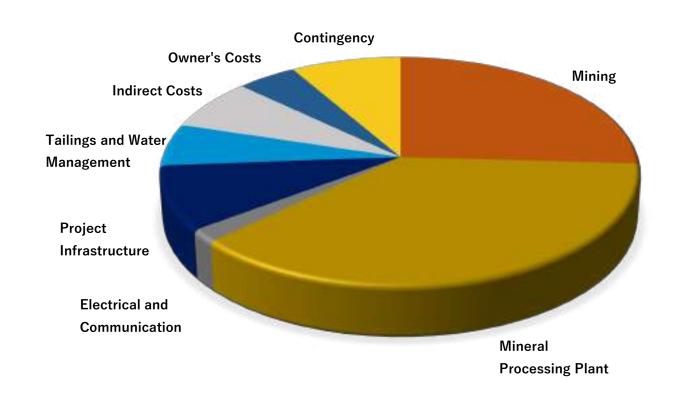
	2017 FS	2021 UFS	2021 UFS Adjusted for Spot Commodity Prices and Spot Exchange Rate SEPT. 30, 2021
Mining	241	235	236
Processing	392	420	422
Tailings & Water Management	97	114	114
General Administration	55	56	56
Smelting and Refining	150	159	159
Royalties	37	44	49
By-Product Credit	(710)	(621)	(750)
Sustaining	127	159	160
Closure	10	21	21
AISC	399	587	468
Pre-Production Cost	243	255	257
All-In Cost	642	842	724



UFS - PRE-PRODUCTION CAPITAL COSTS (US\$ M)

	2017 FS	2021 UFS
Mining	200.4	218.7
Mineral Processing Plant	296.0	313.0
Electrical and Communication	14.2	15.0
Project Infrastructure	76.9	76.6
Tailings and Water Management	53.0	50.1
Indirect Costs	65.9	61.3
Owner's Costs	36.8	38.7
Subtotal	743.2	773.4
Contingency	58.5	70.8
Total	801.7	844.2

PRE-PRODUCTION CAPITAL COSTS 2021 UFS





Horne 5 – Indicative Project Financing

All figures in millions \$

Horne 5 Project NPV $_{(5\%)}$ (US\$) \$761 $_{(1)}$ Horne 5 Project NPV $_{(5\%)}$ (C\$) \$976 $_{(2)}$

Initial CAPEX (US\$): \$844 (1)
Initial CAPEX (C\$): \$1,082 (2)

Expected Funding Sources:

OR Silver Stream (C\$): \$145 (3)

Equipment Financing (C\$): \$175

Warrant Proceeds (C\$): \$8.5 (4)

Total (C\$): \$328

Remaining Balance (C\$): \$754

 Project Debt (%):
 30%
 40%
 50%

 Project Debt (C\$)
 \$226
 \$301
 \$377

Remaining Equity (C\$): \$528 \$452 \$377

- (1): As per Updated Feasibility Study (UFS) Apr '21
- (2): CAD/USD rate: 0.78
- (3): Assumes maximum as per OR agreement
- (4): Estimate based on warrant schedule



ALIGNMENT OF INTERESTS WITH GLENCORE

- Ongoing discussion over past three years
- Extensive project due diligence completed by Glencore
- Significant feed for Glencore smelting facilities
- Strong benefits for Rouyn-Noranda and Québec
 - Horne 5 will become the #1 upstream mining producer of Cu in Québec
 - Fully integrated to Québec electrification of transportation business model

Press Release: "Falco Enters Into Agreements With Glencore" October 27, 2020

"We are pleased to enter into these agreements in order to further align our interests with Falco. While there remains significant work to be done and challenges to be addressed, Glencore Canada is committed to working with all stakeholders towards creating the winning conditions necessary for the further development of the Horne 5 Project and of the fully integrated copper industry in Quebec, an industry vital to the transition towards the electrification of transportation."

- Marc Bédard, Glencore Global Head of Copper Metallurgical Operations

MILESTONE AGREEMENTS

\$10M convertible debt agreement

- Use of proceeds: further technical work, de-risk project and negotiate Principal Operating License and Indemnity Agreement
- 12 month maturity, with right to extend by six months
- Interest at 7%, compounded quarterly
- Convertible at \$0.41 (24.4M common shares)
- 12.2M Warrants exercisable at \$0.51

Zn and Cu concentrate offtake agreement

- Life of mine agreements
- 40k-60k metric tonnes per year of Cu con. (16% Cu)
- 60k-90k metric tonnes per year of Zn con. (52% Zn)
- The commercial terms are reflected in the UFS

2% royalty through BaseCore



PRINCIPAL OPERATING LICENSE

Provides a clear path to a Principal Operating License → Expected in Q4/2021

- This Agreement will govern our relationship with Glencore going forward
- Recognition of the strong working relationship and collaboration between the parties
- Validation of the technical capabilities and work completed by the Falco team over the last 5 years
- Clear demonstration of the alignment of interests of Glencore/Falco to develop the Horne 5 Project:
 - Copper and Zinc offtake agreements
 - 2% NSR through Glencore's investment in Basecore LP (a 50/50 JV between Glencore and OTPP)
 - Access to Falco's technical expertise in the region
 - Convertible debt agreement between the parties



THE QUÉBEC ADVANTAGE



- Access to low cost green hydroelectric energy
- Well established regulatory and permitting frameworks
- Fair and stable taxation system
- Strong collaborative efforts between governments and mining industry to support mine development
- Qualified mining labor expertise
- Strong network of mining suppliers and contractors

COMMUNITY & ENVIRONMENT

- Over the past five years, Falco has maintained dialogue with the project stakeholders
- Strong support from the host community for the Horne 5 Project development
- Consultative committee, a voice for the community
- Public information meetings on environmental impacts and mitigation measures
- Rouyn-Noranda is a world-class mining community has a rich history of mining since 1923







NEAR TERM OBJECTIVES



PROJECT TIMELINE

- Project permitting H2/2022
- Commercial production H2/2025

- Obtain Final Principal Operating License expected in Q4/2021
- Complete the revised EIA submission to the Québec Ministry of Environment by the end of 2021
- Work Plan completion
- Secure authorization from MELCC to initiate public hearing process (BAPE) in 2022
- Advance financing discussions for the Horne 5 Project development
- Initiate the construction of dewatering infrastructure (H2 2021/H1 2022)



CONTACT US



HEAD OFFICE

1100, Canadiens-de-Montréal Avenue, Suite 300 Montreal, QC H3B 2S2 1.514.905.3162

PROJECT OFFICE

161, Murdoch Avenue Rouyn-Noranda, QC J9X 1E3 1.819.917.3875

INVESTOR RELATIONS

Luc Lessard
President, CEO and Director
1.514.261.3336
info@falcores.com

Jeffrey White Director, Investor Relations 1.416.274.7762 rjwhite@falcores.com









APPENDIX



MINING



Ore body specifications

- Vertical and massive deposit
- Low-grade
- Transverse long-hole stopping
- Exceptional rock quality
- Very low dilution level (<3%)

Depth

- 650 m to 2,000 m from the surface

• Opportunity for using the latest technologies

 Remote operation, automation, robotics, Al & electric vehicles to enhance productivity, equipment availability, safety and talent management

Two phases of stope development

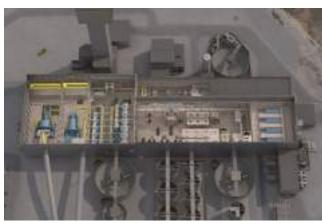
- Phase I: using the existing Quemont shaft
- Phase II: requires the deepening of the Quemont shaft
- Requires dewatering of the historical mine (11 M m³)

PROCESSING









- Mill throughput: ±16,000 tpd
- Primary secondary grinding
- Cyclone/flotation circuit
 - Copper concentrate at 16% Cu (\pm 130 tpd) 40% of gold / 32% of silver recoverable
 - Zinc concentrate at 52% Zn (±200 tpd)
 - Pyrite concentrate
 - 50% of gold / 43% of silver recoverable in doré bar
- Pyrite concentrate regrinding circuit (±10 microns)
- Tank leaching
- Carbon in pulp
- Elution and refining (silver-gold doré bar)
- Cyanide destruction circuit
- Tailing disposal
 - Underground: paste/hydraulic backfill
 - Surface: thickened tailings (historical Norbec Site)

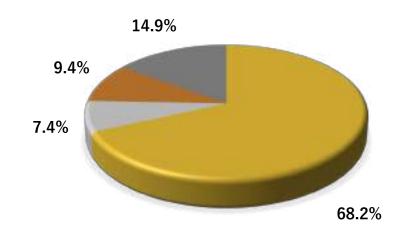


PAYABLE METAL VALUE SPLIT

COMMODITY	UNIT	2017 FS	2021 UFS	SPOT PRICES SEPT. 30, 2021
Gold	US\$/oz	1,300	1,600	1,729
Silver	US\$/oz	19.50	21.00	21.57
Copper	US\$/lb	3.00	3.20	4.08
Zinc	US\$/lb	1.10	1.15	1.37
FX	US\$1.00 =	C\$1.28	C\$1.28	C\$1.27

		1		ı
COMMODITY	UNIT	2017 FS	2021 UFS	SPOT PRICES SEPT. 30, 2021
Gold	%	67%	68.2%	66.4%
Silver	%	8%	7.4%	6.8%
Copper	%	10%	9.4%	10.8%
Zinc	%	15%	14.9%	16.0%

PAYABLE METAL VALUE SPLIT 2021 UFS





THE HORNE 5 PROJECT IS A GOLD PROJECT WITH BASE METAL BY-PRODUCTS

SENSITIVITIES



	Gold Price US\$/oz	\$1,300	\$1,400	\$1,500	\$1,600	\$1,700	\$1,800	\$1,900	\$2,000
Pro	e-Tax NPV _{5%} US\$M	706	897	1,088	1,279	1,470	1,661	1,852	2,043
Afte	r-Tax NPV _{5%} US\$M	405	526	645	761	875	989	1,101	1,213
	Pre-Tax IRR	15.8%	18.3%	20.7%	23.0%	25.2%	27.4%	29.5%	31.6%
	After-Tax IRR	12.8%	14.9%	17.0%	18.9%	20.7%	22.5%	24.2%	25.8%
Pre-	Tax Payback Years	6.2	5.5	5.1	4.6	4.2	3.9	3.6	3.4
After-	Tax Payback Years	6.3	5.7	5.2	4.8	4.5	4.2	3.9	3.7



Copper Price US\$/Ib	\$2.50	\$2.75	\$3.00	\$3.20	\$3.50	\$3.75	\$4.00	\$4.50
Pre-Tax NPV _{5%} US\$M	1,189	1,221	1,253	1,279	1,318	1,350	1,382	1,447
After-Tax NPV _{5%} US\$M	707	726	746	761	784	803	822	861
Pre-Tax IRR	22.0%	22.3%	22.7%	23.0%	23.4%	23.8%	24.1%	24.9%
After-Tax IRR	18.0%	18.3%	18.6%	18.9%	19.2%	19.5%	19.8%	20.4%
Pre-Tax Payback Years	4.8	4.7	4.6	4.6	4.5	4.5	4.4	4.3
After-Tax Payback Years	5.0	4.9	4.9	4.8	4.8	4.7	4.6	4.5

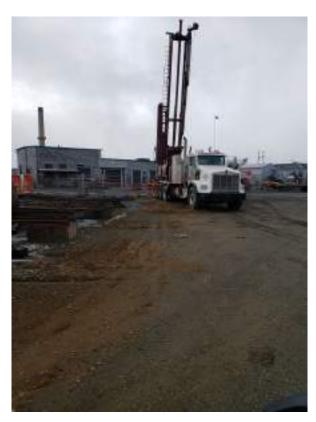
Zn

Zinc Price US\$/Ib	\$0.90	\$1.00	\$1.10	\$1.15	\$1.20	\$1.30	\$1.40	\$1.50
Pre-Tax NPV _{5%} US\$M	1,129	1,189	1,249	1,279	1,309	1,369	1,430	1,490
After-Tax NPV _{5%} US\$M	669	706	743	761	779	815	852	888
Pre-Tax IRR	21.0%	21.8%	22.6%	23.0%	23.4%	24.2%	24.9%	25.7%
After-Tax IRR	17.3%	17.9%	18.6%	18.9%	19.2%	19.8%	20.5%	21.1%
Pre-Tax Payback Years	5.0	4.8	4.7	4.6	4.5	4.4	4.2	4.1
After-Tax Payback Years	5.2	5.0	4.9	4.8	4.7	4.6	4.5	4.4



GLENCORE WORK PROGRAM

Glencore approved and financed the Work Plan proposed by Falco including technical studies, and possible synergies with the Horne Smelter.





WORK PROGRAM

- Inspection
- Instrumentation
- Water monitoring
- Caracterisation
- Modelisation
- Geotechnical analysis
- Mitigation measures

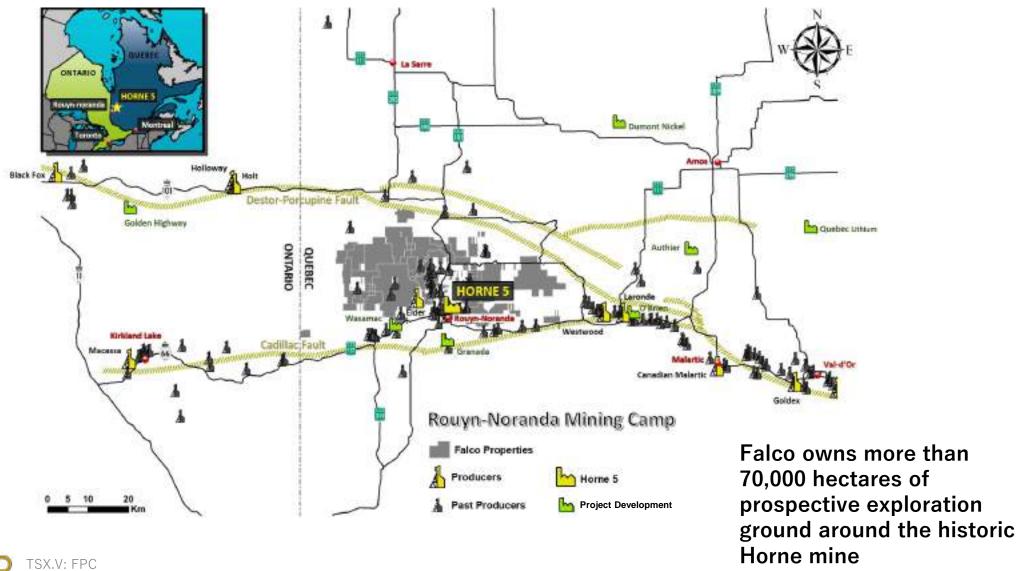
AGREEMENT IN PRINCIPLE

- The AIP establishes the framework of the terms and conditions of the Principal Operating License including:
 - The creation of Technical and Strategic Committees, comprised of both Glencore and Falco representatives, to collaborate in the successful and safe development and operation of the Horne 5 Project and to capitalize on the many synergies between the parties.
 - The right to appoint one (1) Glencore representative on Falco's Board.
 - Rights of access, use and transformation rights in favour of Falco.
 - Financial assurance including guarantees, and indemnification to cover risks to Glencore's copper smelting operations (the "Horne Smelter").

The life of mine offtake agreements for the copper and zinc concentrates produced at the Horne 5 Project and the Updated Feasibility Study (April 2021) will also form part of the final license.



PROLIFIC LAND PACKAGE



COMMUNITY IMPLICATIONS

- Rouyn-Noranda now benefits from a new school and sports infrastructure following the relocation by Falco of the Quemont Polymétier Pavilion
- In collaboration with the municipality, Falco will participate in the relocation and construction of a new eco-center
- A legacy of nearly \$25 million to the community of Rouyn-Noranda









THE FALCO ADVANTAGE

- Experienced development team with strong track record
- Strong partners
 - Glencore
 - Québec Government
 - Osisko Gold Royalties
 - Osisko Development
- **⊘** Large NI 43-101 reserves and resources with potential for growth
 - The Horne 5 Project is a world-class deposit of over 6 Million gold equivalent ounces
 - Copper/Zinc base metal contained
- Robust project economics with significant upside and by-product credits
- Tier 1 jurisdiction, consistent with the Government of Quebec's transport electrification strategy
- Modern, highly automated modern operations
- Low-cost green energy
- Local qualified mining labor expertise with strong network of mining suppliers and contractors
- Strong ESG and community-relations program, strong local support of Horne 5 development

